(54) Title: METHOD, SYSTEM AND NETWORK ENTITY FOR PROVIDING DIGITAL BROADBAND TRANSMISSION
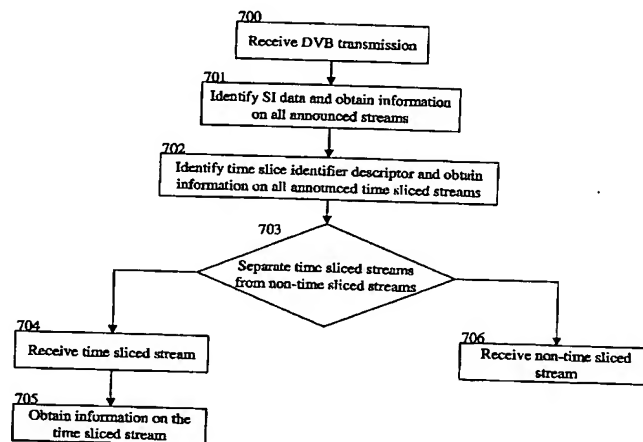
(57) Abstract: A method, a system, a transmitter and a receiver for identification of a time sliced elementary streams using PSI/SI tables. This identification provides a way to separate time-sliced elementary stream from non-time-sliced elementary streams by defining two descriptors in PSI/SI tables. A time slice identifier descriptor is defined, which can be used to identify elementary streams which are time sliced. This descriptor is also used to provide additional information about the transmitted elementary streams. The invention provides a way to announce additional information of the time sliced elementary streams via PSI/SI tables. Additionally, it provides a mechanism to categorize single elementary stream(s) as non-time sliced and time sliced. A way to identify time sliced elementary streams carried over DVB networks is disclosed and providing additional information on those streams. This can be done by using the time slice identifier descriptor. The descriptor can be used at least in Network Information Table (NIT), Program Map Table (PMT) and IP/MAC Notification Table (INT) tables. Time slicing provides a way to save power in the receiver in broadband transmission.